Home Appliance *NewsLine*

An AHAM Bulletin to Editors

FOR IMMEDIATE RELEASE
November 21, 1988

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EXCELLENT OCTOBER PULLS MAJOR APPLIANCES CLOSER TO SECOND-BEST ANNUAL RECORD

CHICAGO -- The major home appliance industry shipped nearly 4.2 million units in October and over 41.2 million in the first 10 months of the year, signalling a near-record year, reports the Association of Home Appliance Manufacturers (AHAM).

January-through-October shipments averaged 4 million units per month for only the second time in history, following the pattern of 1987, the industry's record year. Shipments year-to-date were down only 2.5%.

Although October shipments surpassed 4.1 million units, they were down 2.3% compared to the prior October. The primary reason for the shipment loss was a 15.8% decline in microwave ovens.

Over 1.1 million microwave ovens were shipped in October, the highest monthly level this year for the product, but it could not surpass the previous October level of 1.3 million units, the largest monthly shipment of a major appliance ever in history. After outstanding sales growth from 1982 through 1987, demand for microwave ovens is moderating because of an increasingly saturated market.

Most of the other products contributed to the excellent October by rising above their year-ago levels, but three merit special mention.

* Refrigerators (625,000 units) increased 13.3% to a new October record.

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* Room air conditioners (129,400 units) increased 54.8% to their highest October level since 1978.
* Freezers (110,200 units) increased 27.1% to their highest October level since 1980.

The industry forecast calls for a 4% decline in total shipments this year from 1987's record of nearly 50 million units. However, with only two months remaining before year-end, it appears likely that 1988 shipments will exceed the forecast of 47.9 million units.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
October, 1988

	OCTOBER			CALENDAR YEAR TO DATE		
	1988	1987	% Change	1988	1987	% Change
ALL MAJOR APPLIANCES**	**4,177.9**	**4,274.4**	**-2.3%**	**41,232.4**	**42,268.8**	**-2.5%**
COOKING - TOTAL	**1,611.3**	**1,832.8**	**-12.1%**	**12,876.9**	**14,635.1**	**-12.0%**
ELECTRIC RANGES - TOTAL	301.6	307.4	-1.9%	2,652.8	2,806.3	-5.5%
Free Standing	238.8	248.3	-3.8%	2,125.1	2,260.4	-6.0%
Built-in	62.8	59.1	6.3%	527.7	545.9	-3.3%
GAS RANGES - TOTAL	203.3	210.5	-3.4%	1,772.7	1,757.5	0.9%
Free Standing	192.9	198.6	-2.9%	1,667.6	1,657.4	0.6%
Built-in	10.3	12.0	-14.2%	105.1	100.1	5.0%
MICROWAVE OVENS/RANGES***	1,123.2	1,334.4	-15.8%	8,602.9	10,227.5	-15.9%
HOME LAUNDRY - TOTAL	**945.7**	**899.8**	**5.1%**	**9,079.3**	**8,950.8**	**1.4%**
AUTOMATIC WASHERS	533.1	496.8	7.3%	5,242.5	5,075.0	3.3%
DRYERS - TOTAL	412.6	403.0	2.4%	3,836.9	3,875.9	-1.0%
Electric	319.2	310.0	3.0%	2,968.6	3,008.1	-1.3%
Gas	93.3	93.0	0.3%	868.2	867.7	0.1%
KITCHEN CLEAN UP - TOTAL	**744.3**	**811.5**	**-8.3%**	**6,943.1**	**7,337.6**	**-5.4%**
DISPOSERS	387.2	436.9	-11.4%	3,509.0	3,787.7	-7.4%
DISHWASHERS - TOTAL	335.7	355.0	-5.4%	3,234.1	3,364.8	-3.9%
Built-in	315.0	329.6	-4.4%	3,031.8	3,155.6	-3.9%
Portable	20.8	25.3	-17.8%	202.4	209.2	-3.3%
COMPACTORS	21.3	19.5	9.2%	199.9	185.2	7.9%
FOOD PRESERVATION - TOTAL	**735.1**	**638.6**	**15.1%**	**7,378.7**	**7,085.3**	**4.1%**
REFRIGERATORS	625.0	551.8	13.3%	6,223.3	6,003.9	3.7%
FREEZERS - TOTAL	110.2	86.7	27.1%	1,155.4	1,081.3	6.9%
Chest	60.4	46.0	31.3%	621.2	592.4	4.9%
Upright	49.8	40.7	22.4%	534.3	488.9	9.3%
HOME COMFORT - TOTAL	**141.6**	**91.8**	**54.2%**	**4,954.3**	**4,260.0**	**16.3%**
ROOM AIR CONDITIONERS	129.4	83.6	54.8%	4,296.5	3,566.3	20.5%
DEHUMIDIFIERS	12.2	8.2	48.8%	657.8	693.7	-5.2%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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TRENDS AND FORECASTS
INDUSTRY SHIPMENTS OF MAJOR APPLIANCES*, THOUSANDS OF UNITS

PRODUCT	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988**	1989**
Cooking - Total	7,291	7,354	7,456	8,005	7,303	10,051	13,717	15,635	17,518	17,915	15,963	15,147
ELECTRIC RANGES - TOTAL	3,217	3,000	2,530	2,328	2,036	2,754	3,074	3,142	3,318	3,346	3,106	3,030
Free Standing	2,336	2,244	1,975	1,829	1,619	2,190	2,496	2,568	2,721	2,691	2,489	2,435
Built-In	881	756	555	498	417	563	577	574	598	655	617	595
GAS RANGES - TOTAL	1,794	1,799	1,539	1,496	1,368	1,573	1,732	1,814	1,940	2,143	2,100	2,025
Free-Standing#	1,665	1.670	1,437	1,401	1,289	1,477	1,626	1,694	1,826	2,022	1,978	1,907
Built-In#	129	129	102	94	79	96	106	120	114	120	122	118
MICROWAVE OVEN/RANGES	2,501	2,807	3,608	4,422	4,071	5,933	9,132	10,883	12,444	12,610	10,939	10,263
Home Laundry - Total	8,659	8,516	7,727	7,342	6,746	7,910	8,733	9,192	10,009	10,635	10,479	10,220
WASHERS - TOTAL	5,038	4,965	4,550	4,365	4,019	4,616	5,049	5,279	5,765	5,998	5,988	5,823
Automatic	4,838	4,779	4,426	4,277	3,955	4,546	5,049	5,279	5,765	5,998	5,988	5,823
Wringer & Other	200	186	124	88	64	69	NA	NA	NA	NA	NA	NA
DRYERS - TOTAL	3,621	3,551	3,177	2,977	2,727	3,294	3,684	3,914	4,245	4,637	4,491	4,397
Electric	2,865	2,783	2,494	2,337	2,143	2,622	2,931	3,080	3,309	3,600	3,480	3,412
Gas	757	768	682	640	584	672	754	834	936	1,037	1,011	986
Kitchen Clean Up - Total	7,169	7,098	5,935	5,854	5,098	6,822	7,758	7,858	8,381	8,696	8,329	7,986
DISPOSERS	3,312	3,317	2,962	3,179	2,780	3,544	4,085	4,105	4,269	4,438	4,191	4,000
DISHWASHERS - TOTAL	3,557	3,488	2,738	2,484	2,170	3,121	3,491	3,575	3,918	4,032	3,906	3,763
Built-In	2,971	2,984	2,354	2,193	1,956	2,859	3,245	3,327	3,663	3,763	3,642	3,509
Portable	586	504	384	291	214	262	246	248	255	269	264	254
COMPACTORS	300	293	235	191	148	157	182	177	194	226	233	223
Food Preservation - Total	7,411	7,642	6,875	6,549	5,704	6,818	7,275	7,316	7,733	8,232	8,158	7,866
REFRIGERATORS##	5,890	5,701	5,124	4,944	4,364	5,477	5,994	6,081	6,510	6,972	6,900	6,630
FREEZERS - TOTAL	1,521	1,941	1,751	1,605	1,340	1,341	1,281	1,236	1,222	1,260	1,258	1,236
Chest	835	1,039	963	889	726	702	650	634	661	692	678	662
Upright	686	902	789	717	614	639	631	602	561	567	580	574
Home Comfort - Total	4,479	4,434	3,876	4,229	3,201	2,439	3,694	3,610	3,371	4,503	5,005	4,388
ROOM AIR CONDITIONERS	4,037	3,749	3,203	3,693	2,761	2,002	3,103	3,022	2,816	3,798	4,330	3,750
DEHUMIDIFIERS	442	685	673	536	440	437	591	588	555	704	675	638
All Major Appliances	35,009	35,043	31,869	31,978	28,051	34,039	41,176	43,611	47,012	49,981	47,934	45,606

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Forecasts as of August, 1988.
# Drop-in gas range data included in free-standing total for 1978 through 1984; thereafter drop-in gas range data included in built-in total.
Includes units of 6.5 cu. ft. and over.

Total industry shipments may not add due to rounding and overlapping categories

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BEST NOVEMBER FOR MAJOR APPLIANCE SHIPMENTS

NEARLY CLINCHES SECOND-BEST ANNUAL RECORD

CHICAGO -- Over 4.1 million major home appliances were shipped in November, establishing a new record for the month and pulling the year-to-date total within easy reach of a second-best annual record, reports the Association of Home Appliance Manufacturers (AHAM).

November shipments rose 6.7% compared to last year, while year-to-date shipments of 45.4 million units were down 1.7%.

"With just one more month to go, it appears certain that 1988 appliance shipments will exceed expectations and surpass the industry forecast of 47.9 million units," reports AHAM President Robert Holding.

When the year began, the industry expected a 4% shipment decline from 1987's record of nearly 50 million units, but 1988 now appears likely to finish within 2% of the all-time record.

November shipments exceeded 4 million units for the first time ever, as all 12 product categories surpassed their year-ago levels. Several merit special mention.

* New November shipment records were established for refrigerators (536,900 units), automatic washers (508,400 units), disposers (380,700 units), dishwashers (354,900 units) and electric dryers (308,600 units).
* November shipments increased by double-digits or better for room air conditioners (up 103.6%), dehumidifiers (up 43.5%),

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compactors (up 40.4%), built-in gas ranges (up 17.5%) and disposers (up 17.0%).

The leveling off of appliance shipments this year follows a succession of record years from 1984 through 1987 when shipments surpassed 41.1 million, 43.6 million, 47.0 million, and 49.9 million units respectively.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
November, 1988

	NOVEMBER			CALENDAR YEAR TO DATE		
	1988	1987	% Change	1988	1987	% Change
ALL MAJOR APPLIANCES**	**4,136.3**	**3,877.0**	**6.7%**	**45,368.7**	**48,145.8**	**-1.7%**
COOKING - TOTAL	**1,699.1**	**1,680.1**	**1.1%**	**14,576.0**	**16,315.2**	**-10.7%**
ELECTRIC RANGES - TOTAL	287.0	284.8	0.8%	2,939.8	3,091.1	-4.9%
Free Standing	229.6	224.2	2.4%	2,354.7	2,484.6	-5.2%
Built-In	57.5	60.6	-5.1%	585.2	606.5	-3.5%
GAS RANGES - TOTAL	203.2	187.9	8.1%	1,975.8	1,945.4	1.6%
Free Standing	191.7	178.2	7.6%	1,859.3	1,835.6	1.3%
Built-In	11.4	9.7	17.5%	116.5	109.8	6.1%
MICROWAVE OVENS/RANGES***	1,223.6	1,222.2	0.1%	9,826.5	11,449.7	-14.2%
HOME LAUNDRY - TOTAL	**909.2**	**860.6**	**5.6%**	**9,988.6**	**9,811.4**	**1.8%**
AUTOMATIC WASHERS	508.4	469.5	8.3%	5,750.8	5,544.5	3.7%
DRYERS - TOTAL	400.8	391.1	2.5%	4,237.7	4,266.9	-0.7%
Electric	308.6	302.1	2.2%	3,277.2	3,310.2	-1.0%
Gas	92.3	89.0	3.7%	960.5	956.7	0.4%
KITCHEN CLEAN UP - TOTAL	**757.6**	**677.0**	**11.9%**	**7,700.6**	**8,014.6**	**-3.9%**
DISPOSERS	380.7	325.4	17.0%	3,889.7	4,113.1	-5.4%
DISHWASHERS - TOTAL	354.9	336.0	5.6%	3,589.0	3,700.8	-3.0%
Built-In	326.7	307.3	6.3%	3,358.5	3,462.8	-3.0%
Portable	28.2	28.8	-2.1%	230.5	238.0	-3.2%
COMPACTORS	21.9	15.6	40.4%	221.9	200.8	10.5%
FOOD PRESERVATION - TOTAL	**635.7**	**591.3**	**7.5%**	**8,014.4**	**7,676.6**	**4.4%**
REFRIGERATORS	536.9	498.7	7.7%	6,760.2	6,502.6	4.0%
FREEZERS - TOTAL	98.8	92.7	6.6%	1,254.2	1,174.0	6.8%
Chest	54.0	50.3	7.4%	675.1	642.7	5.0%
Upright	44.8	42.3	5.9%	579.1	531.3	9.0%
HOME COMFORT - TOTAL	**134.7**	**68.0**	**98.1%**	**5,089.0**	**4,328.0**	**17.6%**
ROOM AIR CONDITIONERS	125.8	61.8	103.6%	4,422.4	3,628.1	21.9%
DEHUMIDIFIERS	8.9	6.2	43.5%	666.6	699.8	-4.7%

* Domestic plus export shipments; includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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SECOND-BEST YEAR

FOR MAJOR HOME APPLIANCE SHIPMENTS

CHICAGO -- The home appliance industry surpassed 49 million units for a second consecutive year, as 1988 shipments exceeded 49.2 million units, reports the Association of Home Appliance Manufacturers (AHAM).

Record shipments of nearly 12.2 million units in the fourth quarter, up 1.7%, drove year-end levels to exceed the industry's forecast made as late as August.

Instead of a predicted 4% drop, 1988 shipments fell only 1.5% short of the all-time 1987 record of nearly 50 million units.

By surpassing their year-ago levels, half the product categories made a special contribution to the excellent year, and two core products -- refrigerators and automatic washers -- established new annual records of 7.2 million and nearly 6.2 million units, respectively.

December shipments of nearly 3.9 million units, up 0.9%, also set a new record for the month, the fourth such record established during the year. Previously, new February, August and November records were established.

1988 represents the first decline in annual shipments since 1984, when consecutive record years through 1987 resulted in shipments of 41.2 million, 43.6 million, 47.0 million and 49.9 million units, respectively.

A further softening of shipments is seen for 1989.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
December, 1988

	DECEMBER			CALENDAR YEAR TO DATE			CALENDAR QUARTER		
	1988	1987	% Change	1988	1987	% Change	1988	1987	% Change
ALL MAJOR APPLIANCES**	3,870.6	3,834.7	0.9%	49,237.4	49,980.6	-1.5%	12,198.9	11,991.2	1.7%
COOKING - TOTAL	1,601.6	1,599.0	0.2%	16,177.6	17,914.2	-9.7%	4,911.9	5,112.0	-3.9%
ELECTRIC RANGES - TOTAL	261.8	254.8	2.7%	3,201.7	3,345.9	-4.3%	850.5	847.0	0.4%
Free Standing	211.6	206.0	2.7%	2,566.2	2,690.6	-4.6%	679.9	678.5	0.2%
Built-In	50.3	48.8	3.1%	635.4	655.4	-3.1%	170.5	168.5	1.2%
GAS RANGES - TOTAL	191.4	197.3	-3.0%	2,167.3	2,142.6	1.2%	597.9	595.7	0.4%
Free Standing	181.4	186.6	-2.8%	2,040.8	2,022.2	0.9%	566.1	563.4	0.5%
Built-In	10.0	10.6	-5.7%	126.5	120.4	5.1%	31.8	32.3	-1.5%
MICROWAVE OVENS/RANGES***	1,161.4	1,160.5	0.1%	10,987.9	12,610.2	-12.9%	3,508.2	3,717.1	-5.6%
HOME LAUNDRY - TOTAL	802.5	823.5	-2.6%	10,791.1	10,634.9	1.5%	2,657.4	2,583.9	2.8%
AUTOMATIC WASHERS	439.6	453.8	-3.1%	6,190.4	5,998.2	3.2%	1,481.1	1,420.1	4.3%
DRYERS - TOTAL	362.9	369.8	-1.9%	4,600.7	4,636.7	-0.8%	1,176.4	1,163.8	1.1%
Electric	276.6	289.6	-4.5%	3,553.9	3,599.9	-1.3%	904.5	901.7	0.3%
Gas	86.3	80.2	7.6%	1,046.8	1,036.8	1.0%	271.9	262.1	3.7%
KITCHEN CLEAN UP - TOTAL	682.0	682.3	0.0%	8,382.6	8,696.9	-3.6%	2,183.8	2,170.7	0.6%
DISPOSERS	342.8	325.7	5.3%	4,232.6	4,438.8	-4.6%	1,110.9	1,088.1	2.1%
DISHWASHERS - TOTAL	318.4	331.1	-3.8%	3,907.4	4,032.0	-3.1%	1,009.0	1,022.1	-1.3%
Built-In	288.9	299.8	-3.6%	3,647.4	3,762.7	-3.1%	930.6	936.7	-0.7%
Portable	29.4	31.3	-6.1%	260.0	269.3	-3.5%	78.4	85.4	-8.2%
COMPACTORS	20.7	25.4	-18.5%	242.6	226.2	7.3%	64.0	60.5	5.8%
FOOD PRESERVATION - TOTAL	561.4	555.2	1.1%	8,575.8	8,231.8	4.2%	1,948.1	1,785.1	9.1%
REFRIGERATORS	466.8	469.5	-0.6%	7,227.0	6,972.1	3.7%	1,643.4	1,520.0	8.1%
FREEZERS - TOTAL	94.5	85.7	10.3%	1,348.7	1,259.7	7.1%	304.7	265.1	14.9%
Chest	51.5	49.5	4.0%	726.6	692.2	5.0%	166.3	145.8	14.1%
Upright	43.1	36.2	19.1%	622.2	567.5	9.6%	138.4	119.3	16.0%
HOME COMFORT - TOTAL	223.1	174.7	27.7%	5,310.3	4,502.7	17.9%	497.6	339.5	46.6%
ROOM AIR CONDITIONERS	215.0	170.1	26.4%	4,637.3	3,798.3	22.1%	470.2	320.5	46.7%
DEHUMIDIFIERS	8.2	4.6	78.3%	673.0	704.4	-4.5%	27.4	19.0	44.2%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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SLIGHT DECLINE IN '89

FOR MAJOR APPLIANCE SHIPMENTS

CHICAGO -- The industry forecast for 1989 shipments, prepared in August 1988, calls for a 7.4% decline from 1988 levels to a year-end total of 45.6 million units, reports the Association of Home Appliance Manufacturers (AHAM).

"The surprising strength of last year's fourth quarter, however, leads me to believe that actual shipments in 1989 will exceed the August forecast," reports AHAM Director of Marketing and Economics, Craig Schulz.

The projected decline comes as no surprise to an industry with consecutive record years from 1984 through 1987 and a better-than-anticipated 1988. Successive record years were not expected to continue indefinitely.

Shipment declines are expected for all product categories, yet the year-end total is likely to rank 1989 as one of the top five years in the industry's history.

Several factors are responsible for the high shipment levels of recent years, and if the economic climate remains positive, these factors will continue to sustain strong demand again this year.

1. With the population of 10+-year-old products constantly expanding, the number at replacement age is increasing. Replacement purchases account for approximately 80% of industry shipments.

2. The kitchen remodeling boom continues to motivate earlier appliance replacements, as well as first-time purchases. Product categories that usually benefit are dishwashers, refrigerators, food disposers, cooking equipment

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(especially built-ins) and trash compactors. The National Kitchen and Bath Association expects the kitchen remodeling pace this year to surpass last year's, which totaled 4.0 million remodeled kitchens plus 1.9 new add-ons.

3. According to the Census Bureau, new households will form at a rate of at least one million annually through the next decade, resulting in first-time purchases of the basics -- refrigerators and ranges. New households will form more slowly in the 1990s than in the previous decade.

4. New homes will account for a significant number of dishwasher, disposer and range shipments and, to a lesser degree, refrigerator shipments. In 1989 alone, the National Association of Home Builders projects 1.4 million housing starts, which is a decrease from previous years.

5. U.S. appliance exports are on the rise. From 1987 to 1988, the export component of total U.S. major appliance shipments rose from 3% to 4.5%, a 50% increase in relative terms. At the same time, the import share of the domestic U.S. appliance market fell from 20% to 17%, a 15% relative decline. In both cases, the product most affected is the microwave oven.

1989 shipments will also be affected by some factors unique to specific product categories.

6. Microwave ovens, which made enormous shipment strides in the '80s, are now found in approximately 75% of all U.S. households. Consequently, demand for this now-mature product is decreasing.

7. Room air conditioner inventories, which were depleted with last summer's heatwave, may remain below desired levels if a shortage of compressors affects the home comfort market again this year.

# # #

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SECOND-BEST JANUARY

FOR HOME APPLIANCE SHIPMENTS

CHICAGO -- January shipments of major home appliances exceeded 4 million units for only the second time in history, reports the Association of Home Appliance Manufacturers (AHAM).

Over 4.1 million units were shipped in January, about 100,000 units fewer than the January record set in 1987, but 400,000 units more than the year-ago level. Total monthly shipments were up 10.7% from 1988.

All 12 product categories contributed to the excellent January by exceeding their year-ago levels, with four showing double-digit increases.

Room air conditioner shipments (352,100 units) made the most dramatic increase (up 76.3%) as field inventories, depleted by last summer's record heatwave began to rebuild.

Shipments of home laundry equipment also were strong in January, with automatic washers (553,400 units) and gas dryers (96,600 units) reaching their highest January levels ever. Shipments of electric dryers (339,600 units) followed a similar pattern, achieving a second-highest January level ever for the product.

With the employment rate, disposable income and other factors affecting the economic climate remaining positive, consumer demand for major appliances is likely to continue near its current pace, according to AHAM.

Last year, shipments exceeded 49.2 million units, and in 1987, they reached a record 49.9 million units.

# # #

MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
January, 1989

	JANUARY 1989	JANUARY 1988	% Change
ALL MAJOR APPLIANCES**	4,105.4	3,707.8	10.7%
COOKING - TOTAL	1,443.6	1,336.1	8.0%
ELECTRIC RANGES - TOTAL	244.9	235.4	4.0%
Free Standing	193.2	188.1	2.7%
Built-in	51.7	47.2	9.5%
GAS RANGES - TOTAL	158.4	158.0	0.3%
Free Standing	149.8	148.2	1.1%
Built-in	8.6	9.8	-12.2%
MICROWAVE OVENS/RANGES***	1,054.3	957.6	10.1%
HOME LAUNDRY - TOTAL	989.7	932.6	6.1%
AUTOMATIC WASHERS	553.4	519.4	6.5%
DRYERS - TOTAL	436.3	413.2	5.6%
Electric	339.6	321.2	5.7%
Gas	96.6	91.9	5.1%
KITCHEN CLEAN UP - TOTAL	737.0	684.1	7.7%
DISPOSERS	391.2	361.3	8.3%
DISHWASHERS - TOTAL	326.4	307.1	6.3%
Built-in	302.6	282.6	7.1%
Portable	23.8	24.5	-2.9%
COMPACTORS	19.4	15.8	22.8%
FOOD PRESERVATION - TOTAL	559.9	537.1	4.2%
REFRIGERATORS	466.4	445.9	4.6%
FREEZERS - TOTAL	93.5	91.2	2.5%
Chest	49.6	50.0	-0.8%
Upright	43.9	41.2	6.6%
HOME COMFORT - TOTAL	375.2	217.8	72.3%
ROOM AIR CONDITIONERS	352.1	199.7	76.3%
DEHUMIDIFIERS	23.2	18.1	28.2%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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RECORD FEBRUARY

FOR MAJOR HOME APPLIANCES

CHICAGO -- The major appliance industry shipped nearly 4.1 million units in February, establishing a new record for the month, reports the Association of Home Appliance Manufacturers (AHAM).

Total shipments increased by 4.3% over the same month last year, due primarily to the second-best shipment of room air conditioners (546,400 units) ever in February. With inventories of this seasonal appliance nearly depleted by last year's record heatwave, product demand increased by 68.6% over the same year-ago period.

Three other products contributed to the excellent month by achieving their highest February levels ever -- microwave ovens (963,200 units), disposers (380,300 units), and gas dryers (90,800 units).

A downturn in new home construction affected shipments of the leading home appliances installed in newly constructed homes. Electric ranges (225,000 units) were down 7.7%; gas ranges (155,600 units), down 10.2%; and dishwashers (293,000 units), down 1.7%. According to the Census Bureau, about 93% of new homes include these appliances in their sales price.

Dehumidifier shipments (45,900 units) were comparatively average for a February but, when compared to the unusually high February 1988 shipment, showed a 34.9% loss. One year ago, shipments were rebuilding rapidly after a summer of high-humidity conditions depleted inventories.

(MORE)

For the first two months of this year, shipments are 7.4% ahead of last year's levels.

The industry forecasts a 3.7% decline in total shipments this year from the second-best record of 49.3 million units achieved in 1988.

# # #

MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS

February, 1989

	FEBRUARY			CALENDAR YEAR TO DATE		
	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	4,071.8	3,905.1	4.3%	8,177.7	7,612.9	7.4%
COOKING - TOTAL	1,330.2	1,351.8	-1.6%	2,773.8	2,687.9	3.2%
ELECTRIC RANGES - TOTAL	225.0	243.7	-7.7%	469.9	479.0	-1.9%
Free Standing	174.9	192.5	-9.1%	368.1	380.7	-3.3%
Built-In	50.1	51.1	-2.0%	101.8	98.3	3.6%
GAS RANGES - TOTAL	155.6	173.3	-10.2%	314.0	331.3	-5.2%
Free Standing	147.1	164.0	-10.3%	296.9	312.2	-4.9%
Built-In	8.5	9.3	-8.6%	17.2	19.1	-9.9%
MICROWAVE OVENS/RANGES***	963.2	950.0	1.4%	2,017.4	1,907.6	5.8%
HOME LAUNDRY - TOTAL	904.0	913.0	-1.0%	1,893.7	1,845.6	2.6%
AUTOMATIC WASHERS	510.1	519.1	-1.7%	1,063.5	1,038.5	2.4%
DRYERS - TOTAL	394.0	394.0	0.0%	830.2	807.1	2.9%
Electric	303.2	305.6	-0.8%	642.8	626.8	2.6%
Gas	90.8	88.4	2.7%	187.4	180.3	3.9%
KITCHEN CLEAN UP - TOTAL	691.3	679.0	1.8%	1,428.3	1,363.1	4.8%
DISPOSERS	380.3	360.1	5.6%	771.5	721.4	6.9%
DISHWASHERS - TOTAL	293.0	298.0	-1.7%	619.3	605.0	2.4%
Built-In	274.3	275.0	-0.3%	576.9	557.6	3.5%
Portable	18.6	22.9	-18.8%	42.5	47.5	-10.5%
COMPACTORS	18.0	20.9	-13.9%	37.4	36.7	1.9%
FOOD PRESERVATION - TOTAL	554.0	566.7	-2.2%	1,114.5	1,103.8	1.0%
REFRIGERATORS	460.0	477.4	-3.6%	927.1	923.3	0.4%
FREEZERS - TOTAL	94.0	89.3	5.3%	187.4	180.5	3.8%
Chest	54.1	48.5	11.5%	103.6	98.5	5.2%
Upright	39.9	40.8	-2.2%	83.8	82.0	2.2%
HOME COMFORT - TOTAL	592.3	394.6	50.1%	967.5	612.5	58.0%
ROOM AIR CONDITIONERS	546.4	324.1	68.6%	898.5	523.8	71.5%
DEHUMIDIFIERS	45.9	70.5	-34.9%	69.0	88.6	-22.1%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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AHAM

TRENDS AND FORECASTS
INDUSTRY SHIPMENTS OF MAJOR APPLIANCES*, THOUSANDS OF UNITS

PRODUCT	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989**	1990**
Cooking - Total	7,354	7,456	8,005	7,303	10,051	13,717	15,635	17,518	17,915	16,237	15,372	14,705
ELECTRIC RANGES - TOTAL	3,000	2,530	2,328	2,036	2,754	3,074	3,142	3,318	3,346	3,202	3,093	3,044
Free Standing	2,244	1,975	1,829	1,619	2,190	2,496	2,568	2,721	2,691	2,566	2,474	2,434
Built-In	756	555	498	417	563	577	574	598	655	635	619	610
GAS RANGES - TOTAL	1,799	1,539	1,496	1,368	1,573	1,732	1,814	1,940	2,143	2,227	2,105	2,070
Free-Standing#	1,670	1,437	1,401	1,289	1,477	1,626	1,694	1,826	2,022	2,101	1,982	1,948
Built-In#	129	102	94	79	96	106	120	114	120	127	123	123
MICROWAVE OVEN/RANGES	2,807	3,608	4,422	4,371	5,933	9,132	10,883	12,444	12,810	10,988	10,350	9,760
Home Laundry - Total	8,516	7,727	7,342	6,746	7,910	8,733	9,192	10,009	10,635	10,791	10,638	10,487
WASHERS - TOTAL	4,965	4,550	4,365	4,019	4,616	5,049	5,279	5,765	5,998	6,190	6,148	6,063
Automatic	4,779	4,426	4,277	3,955	4,546	5,049	5,279	5,765	5,998	6,190	6,148	6,063
Wringer & Other	186	124	88	64	69	NA	NA	NA	NA	NA	NA	NA
DRYERS - TOTAL	3,551	3,177	2,977	2,727	3,294	3,684	3,914	4,245	4,637	4,601	4,490	4,424
Electric	2,783	2,494	2,337	2,143	2,622	2,931	3,080	3,309	3,600	3,554	3,467	3,417
Gas	768	682	640	584	672	754	834	936	1,037	1,047	1,024	1,008
Kitchen Clean Up - Total	7,098	5,935	5,854	5,098	6,822	7,758	7,858	8,381	8,696	8,383	8,087	8,060
DISPOSERS	3,317	2,962	3,179	2,780	3,544	4,085	4,105	4,269	4,438	4,233	4,063	4,078
DISHWASHERS - TOTAL	3,488	2,738	2,484	2,170	3,121	3,491	3,575	3,918	4,032	3,907	3,784	3,746
Built-In	2,984	2,354	2,193	1,956	2,859	3,245	3,327	3,663	3,763	3,647	3,528	3,494
Portable	504	384	291	214	262	246	248	255	269	260	256	252
COMPACTORS	293	235	191	148	157	182	177	194	226	243	241	236
Food Preservation - Total	7,642	6,875	6,549	5,704	6,818	7,275	7,316	7,733	8,232	8,576	8,391	8,463
REFRIGERATORS##	5,701	5,124	4,944	4,364	5,477	5,994	6,081	6,510	6,972	7,227	7,071	7,147
FREEZERS - TOTAL	1,941	1,751	1,605	1,340	1,341	1,281	1,236	1,222	1,260	1,349	1,320	1,316
Chest	1,039	963	889	726	702	650	634	661	692	727	710	705
Upright	902	789	717	614	639	631	602	561	567	622	610	611
Home Comfort - Total	4,434	3,876	4,229	3,201	2,439	3,694	3,610	3,371	4,503	5,310	5,005	4,860
ROOM AIR CONDITIONERS	3,749	3,203	3,693	2,761	2,002	3,103	3,022	2,816	3,798	4,637	4,355	4,205
DEHUMIDIFIERS	685	673	536	440	437	591	588	555	704	673	650	655
All Major Appliances	35,043	31,869	31,978	28,051	34,039	41,176	43,611	47,012	49,981	49,297	47,492	46,573

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Forecasts as of February, 1989
# Drop-in gas range data included in free-standing total for 1978 through 1984; thereafter drop-in gas range data included in built-in total.
Includes units of 6.5 cu. ft. and over.

Total industry shipments may not add due to rounding and overlapping categories

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Home Appliance NewsLine

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RECORD MARCH AND FIRST QUARTER FOR MAJOR APPLIANCE SHIPMENTS

CHICAGO -- Over 4.6 million major home appliances were shipped in March and 12.8 million in the first quarter, establishing new shipment records for both periods, reports the Association of Home Appliance Manufacturers (AHAM).

Record shipments for March were 12.5% higher than the previous March and the third largest shipment in history for any month.

Total first-quarter shipments were 9.2% higher than the same 1988 period and third only to the all-time quarterly record of April-June 1987.

Shipments of room air conditioners (845,700 units) made the greatest gains, up 23.9%, tying their previous March record set in 1971. First-quarter shipments of 1.7 million units were up 44.6%. Demand is intense for an adequate product supply this summer, following the inventory depletion that resulted during last year's record heatwave.

Automatic washers (539,100 units) and disposers (413,600 units) also set new March records. Shipments of these products increased by 8.3% and 14.4%, respectively.

Five other products contributed to the excellent March by registering double-digit gains. Shipments were up:

* 19.1% for microwave ovens (906,500 units);
* 15.6% for built-in electric ranges (58,400 units);
* 12.4% for free standing gas ranges (183,400 units);
* 10.3% for freezers (90,000 units); and

(MORE)

* 10.1% for refrigerators (564,100 units).

Only one product, compactors (18,900 units) did not surpass its year-ago levels.

The continued strength of the economy, coupled with the record demand for room air conditioners, lifted March home appliance shipments to unexpectedly high levels.

Although shipments for the first three months of the year are 7.8% ahead of last year's comparable period, the industry forecasts a 3.7% decline in total shipments by year-end.

1984 through 1987 were record years for the industry, resulting in annual shipments of 41.2 million, 43.6 million, 47.0 million and 49.8 million units, respectively. 1988 shipments declined slightly to 49.2 million units, with further softening expected this year.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
March, 1989

	MARCH			CALENDAR YEAR TO DATE		
	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	4,638.3	4,122.6	12.5%	12,816.3	11,735.4	9.2%
COOKING - TOTAL	1,358.5	1,172.4	15.9%	4,132.3	3,860.3	7.0%
ELECTRIC RANGES - TOTAL	272.9	251.0	8.7%	742.9	730.0	1.8%
Free Standing	214.6	200.5	7.0%	582.7	581.2	0.3%
Built-in	58.4	50.5	15.6%	160.2	148.9	7.6%
GAS RANGES - TOTAL	194.0	175.4	10.6%	508.1	506.7	0.3%
Free Standing	183.4	163.2	12.4%	480.3	475.4	1.0%
Built-in	10.6	12.1	-12.4%	27.8	31.3	-11.2%
MICROWAVE OVENS/RANGES***	906.5	761.4	19.1%	2,923.9	2,669.0	9.6%
HOME LAUNDRY - TOTAL	923.8	857.2	7.8%	2,818.8	2,702.8	4.3%
AUTOMATIC WASHERS	539.1	497.9	8.3%	1,604.0	1,536.4	4.4%
DRYERS - TOTAL	384.7	359.2	7.1%	1,214.8	1,166.4	4.1%
Electric	297.7	276.6	7.6%	941.1	903.4	4.2%
Gas	87.0	82.7	5.2%	273.7	263.0	4.1%
KITCHEN CLEAN UP - TOTAL	756.0	692.9	9.1%	2,183.5	2,056.0	6.2%
DISPOSERS	413.6	361.5	14.4%	1,185.1	1,082.9	9.4%
DISHWASHERS - TOTAL	323.5	307.7	5.1%	942.1	912.7	3.2%
Built-in	306.1	288.0	6.3%	882.3	845.6	4.3%
Portable	17.4	19.7	-11.7%	59.8	67.2	-11.0%
COMPACTORS	18.9	23.7	-20.3%	56.3	60.4	-6.8%
FOOD PRESERVATION - TOTAL	654.1	593.8	10.2%	1,768.3	1,697.6	4.2%
REFRIGERATORS	564.1	512.2	10.1%	1,491.2	1,435.5	3.9%
FREEZERS - TOTAL	90.0	81.6	10.3%	277.2	262.1	5.8%
Chest	52.8	43.6	21.1%	156.1	142.1	9.9%
Upright	37.3	38.0	-1.8%	121.1	120.0	0.9%
HOME COMFORT - TOTAL	945.9	806.2	17.3%	1,913.4	1,418.7	34.9%
ROOM AIR CONDITIONERS	845.7	682.3	23.9%	1,744.1	1,206.1	44.6%
DEHUMIDIFIERS	100.2	124.0	-19.2%	169.3	212.6	-20.4%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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An AHAM Bulletin to Editors

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HOME APPLIANCE SHIPMENTS MODERATE AS SECOND QUARTER BEGINS

CHICAGO -- April shipments of major home appliances exceeded 4 million units, but failed to reach the level of the same period one year ago, reports the Association of Home Appliance Manufacturers (AHAM).

Even though shipments were down nearly 48,000 units for a 1.2% decline, this was still the third highest April in history and year-to-date totals increased by 6.5% over last year's same period.

While most of the products fell below their April 1988 shipment levels, three made substantial gains: up 11.0% were disposers (334,700 units); up 6.0%, microwave ovens (824,500 units); and up 4.7%, room air conditioners (717,900 units).

Shipments of room air conditioners, in fact, reached the second highest level ever recorded in April for the product -- evidence of intense demand resulting from the inventory depletion caused by last summer's record heatwave. Compared to the first four months of last year, shipments of this comfort appliance were up 29.6%.

Of the remaining products, only refrigerators (535,600 units) surpassed their year-ago levels, showing a fractional increase of 0.4%.

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A downturn in new housing starts adversely affected shipments of dishwashers and ranges, both of which are included in about 93% of the sales price of new homes, according to the Census Bureau. Dishwashers (275,400 units) were down 17.6%; electric ranges (226,400 units), down 12.5%; and gas ranges (162,700 units), down 4.8%.

Dehumidifier shipments (77,800 units) were comparatively average for an April but, when compared to the unusually high April 1988 shipment, showed a 25.4% loss. One year ago, shipments were rebuilding rapidly after extremely humid conditions in 1987 prevailed in several regions, causing considerable inventory depletion.

The industry forecasts a 3.7% decline in total shipments this year from the second-best record of 49.3 million units achieved in 1988.

# # #

MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
April, 1989

	APRIL			CALENDAR YEAR TO DATE		
	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	4,030.2	4,077.9	-1.2%	16,848.7	15,823.4	6.5%
COOKING - TOTAL	1,200.8	1,193.2	0.6%	5,335.3	5,053.5	5.6%
ELECTRIC RANGES - TOTAL	226.4	258.8	-12.5%	971.5	988.8	-1.7%
Free Standing	178.8	210.3	-15.0%	763.9	791.5	-3.5%
Built-in	47.6	48.5	-1.9%	207.6	197.3	5.2%
GAS RANGES - TOTAL	162.7	170.9	-4.8%	670.8	677.6	-1.0%
Free Standing	154.3	160.0	-3.6%	634.6	635.4	-0.1%
Built-in	8.4	10.9	-22.9%	36.2	42.1	-14.0%
MICROWAVE OVENS/RANGES***	824.5	777.5	6.0%	3,748.3	3,446.5	8.8%
HOME LAUNDRY - TOTAL	779.9	798.8	-2.4%	3,598.7	3,504.2	2.7%
AUTOMATIC WASHERS	456.9	470.6	-2.9%	2,060.9	2,009.7	2.5%
DRYERS - TOTAL	323.0	328.2	-1.6%	1,537.8	1,494.6	2.9%
Electric	250.6	256.7	-2.4%	1,191.7	1,160.1	2.7%
Gas	72.4	71.5	1.3%	346.1	334.5	3.5%
KITCHEN CLEAN UP - TOTAL	625.3	654.9	-4.5%	2,808.8	2,710.9	3.6%
DISPOSERS	334.7	301.6	11.0%	1,519.8	1,384.5	9.8%
DISHWASHERS - TOTAL	275.4	334.4	-17.6%	1,217.5	1,247.1	-2.4%
Built-in	261.7	315.2	-17.0%	1,143.9	1,160.8	-1.5%
Portable	13.7	19.1	-28.3%	73.6	86.3	-14.7%
COMPACTORS	15.1	18.9	-20.1%	71.5	79.3	-9.8%
FOOD PRESERVATION - TOTAL	628.5	641.0	-2.0%	2,396.8	2,338.7	2.5%
REFRIGERATORS	535.6	533.3	0.4%	2,026.7	1,968.8	2.9%
FREEZERS - TOTAL	92.9	107.8	-13.8%	370.1	370.0	0.0%
Chest	56.8	55.4	2.5%	212.9	197.3	7.9%
Upright	36.1	52.4	-31.1%	157.2	172.6	-8.9%
HOME COMFORT - TOTAL	795.7	790.0	0.7%	2,709.1	2,216.0	22.3%
ROOM AIR CONDITIONERS	717.9	685.7	4.7%	2,462.0	1,899.0	29.6%
DEHUMIDIFIERS	77.8	104.3	-25.4%	247.1	316.9	-22.0%

* Domestic plus export shipments; includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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RECORD MAY

FOR MAJOR HOME APPLIANCES

CHICAGO -- The major appliance industry shipped over 4.5 million units in May, establishing a new record for the month, reports the Association of Home Appliance Manufacturers (AHAM).

Unlike the slight downturn in consumer demand evidenced for automobiles and other durable goods, home appliance shipments increased 7.5% in May, compared to the same period last year.

Nine of the 12 product categories contributed to the excellent month by surpassing their year-ago levels, and four products, all core products, achieved new May shipment records.

* Refrigerators (686,200 units) were up 11.4%;
* Automatic washers (532,900 units), up 3.5%;
* Electric dryers (284,100 units), up 4.7%; and
* Gas dryers (89,400 units), up 8.9%.

The third largest May shipment of room air conditioners (747,800 units) also contributed to the record total. January-through-May shipments of this product are 23.5% ahead of the same 1988 period, indicating continued high demand following last summer's record heatwave and inventory depletion.

While microwave oven shipments (906,900 units) were relatively average for May, they showed a dramatic increase (up 30.0%) when compared to the

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unusually low shipment level of May 1988. Overall, shipments of this product are not expected to maintain their record pace of recent years now that approximately three-fourths of all U.S. households own at least one microwave oven.

Major appliance shipments for the first five months of the year totaled 21.3 million units for a 6.7% gain over last year's comparable period.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
May, 1989

	MAY			CALENDAR YEAR TO DATE		
	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	4,508.1	4,194.2	7.5%	21,363.9	20,017.6	6.7%
COOKING - TOTAL	1,338.1	1,111.6	20.4%	6,673.3	6,165.1	8.2%
ELECTRIC RANGES - TOTAL	263.4	250.8	5.0%	1,234.9	1,239.6	-0.4%
Free Standing	210.4	202.8	3.7%	974.3	994.3	-2.0%
Built-In	53.0	48.0	10.4%	260.6	245.3	6.2%
GAS RANGES - TOTAL	181.6	177.8	2.1%	852.4	855.3	-0.3%
Free Standing	172.4	167.9	2.7%	807.0	803.4	0.4%
Built-In	9.2	9.8	-6.1%	45.4	52.0	-12.7%
MICROWAVE OVENS/RANGES***	906.9	697.4	30.0%	4,655.3	4,143.9	12.3%
HOME LAUNDRY - TOTAL	906.4	868.4	4.4%	4,504.2	4,372.6	3.0%
AUTOMATIC WASHERS	532.9	515.0	3.5%	2,593.8	2,524.7	2.7%
DRYERS - TOTAL	373.5	353.4	5.7%	1,910.4	1,848.0	3.4%
Electric	284.1	271.3	4.7%	1,475.8	1,431.3	3.1%
Gas	89.4	82.1	8.9%	434.6	416.8	4.3%
KITCHEN CLEAN UP - TOTAL	646.3	666.2	-3.0%	3,455.1	3,377.2	2.3%
DISPOSERS	335.8	323.6	3.8%	1,855.6	1,708.1	8.6%
DISHWASHERS - TOTAL	291.5	325.5	-10.4%	1,509.0	1,572.6	-4.0%
Built-In	276.5	304.9	-9.3%	1,420.4	1,465.7	-3.1%
Portable	15.0	20.6	-27.2%	88.6	106.9	-17.1%
COMPACTORS	19.0	17.1	11.1%	90.4	96.4	-6.2%
FOOD PRESERVATION - TOTAL	797.3	727.7	9.6%	3,191.5	3,066.4	4.1%
REFRIGERATORS	686.2	616.0	11.4%	2,712.9	2,584.8	5.0%
FREEZERS - TOTAL	111.1	111.6	-0.4%	478.5	481.6	-0.6%
Chest	63.3	61.2	3.4%	273.6	250.5	5.8%
Upright	47.8	50.4	-5.2%	205.0	223.1	-8.1%
HOME COMFORT - TOTAL	820.1	820.3	0.0%	3,539.7	3,036.2	16.6%
ROOM AIR CONDITIONERS	747.8	708.1	5.6%	3,220.4	2,607.1	23.5%
DEHUMIDIFIERS	72.3	112.2	-35.6%	319.4	429.1	-25.6%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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Home Appliance *NewsLine*

An AHAM Bulletin to Editors

FOR IMMEDIATE RELEASE
July 20, 1989

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JUNE MARKS BEST HALF-YEAR FOR MAJOR HOME APPLIANCES AND SECOND-BEST QUARTER

CHICAGO -- The major appliance industry shipped almost 26.0 million units in the first half of 1989, establishing a new record for semiannual shipments, reports the Association of Home Appliance Manufacturers (AHAM).

April-through-June shipments of 13.1 million units also marked the second-highest quarterly shipment in the industry's history.

Compared to similar periods one year ago, shipment levels were up 4.8% for the first six months and 0.8% in the second quarter.

Although the monthly level was off 3.3% from the previous June, shipments of nearly 4.6 million units were the industry's third-best in history for the month.

Refrigerators (785,100 units) and automatic washers (572,300 units) were the only products that rose above their year-ago June levels. Monthly shipments of these products increased by 4.2% and 4.8%, respectively.

June shipments of room air conditioners (718,200 units), while large by historical standards, were down 14.0% compared to the all-time June high of last year when record heat affected most of the country. Year-to-date shipments of the product (3.9 million units) increased 14.4%.

In addition to room air conditioners, five other products contributed to the half-year record by surpassing their year-ago levels: up 10.3% were

(MORE)

microwave ovens (5.4 million units); up 7.0%, disposers (2.2 million); up 4.8%, refrigerators (3.5 million); up 3.1%, automatic washers (3.2 million) and dryers (2.3 million).

The industry forecast calls for a 2.1% decline in total shipments this year from 1988's second-best record of 49.3 million units. 1989 shipments are expected to approach 48.3 million units.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
June, 1989

	JUNE			CALENDAR YEAR TO DATE			CALENDAR QUARTER		
	1989	1988	% Change	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	4,573.3	4,727.7	-3.3%	25,937.2	24,745.3	4.8%	13,113.8	13,009.9	0.8%
COOKING - TOTAL	1,222.4	1,298.6	-5.9%	7,895.7	7,463.8	5.8%	3,763.4	3,603.4	4.4%
ELECTRIC RANGES - TOTAL	263.4	309.7	-14.9%	1,498.3	1,549.3	-3.3%	755.5	819.3	-7.8%
Free Standing	206.5	239.4	-13.7%	1,180.8	1,233.7	-4.3%	598.1	652.5	-8.3%
Built-In	56.9	70.3	-19.1%	317.5	315.6	0.6%	157.4	166.7	-5.6%
GAS RANGES - TOTAL	184.6	215.2	-14.2%	1,037.0	1,070.5	-3.1%	528.9	563.9	-6.2%
Free Standing	172.9	202.5	-14.6%	979.9	1,005.9	-2.6%	499.6	530.5	-5.8%
Built-In	11.7	12.7	-7.9%	57.1	64.6	-11.6%	29.3	33.4	-12.3%
MICROWAVE OVENS/RANGES***	788.2	789.2	-0.1%	5,443.4	4,933.0	10.3%	2,519.5	2,264.0	11.3%
HOME LAUNDRY - TOTAL	960.9	928.6	3.5%	5,465.1	5,301.2	3.1%	2,647.2	2,598.5	1.9%
AUTOMATIC WASHERS	572.3	546.1	4.8%	3,166.1	3,070.8	3.1%	1,562.1	1,534.4	1.8%
DRYERS - TOTAL	388.6	382.5	1.6%	2,299.0	2,230.4	3.1%	1,085.2	1,064.1	2.0%
Electric	299.3	300.8	-0.5%	1,775.2	1,732.1	2.5%	834.1	828.7	0.7%
Gas	89.2	81.7	9.2%	523.8	498.3	5.1%	251.1	235.4	6.7%
KITCHEN CLEAN UP - TOTAL	673.1	686.2	-1.9%	4,128.2	4,063.4	1.6%	1,944.6	2,007.4	-3.1%
DISPOSERS	331.3	335.7	-1.3%	2,186.9	2,043.8	7.0%	1,001.8	960.9	4.3%
DISHWASHERS - TOTAL	323.7	329.6	-1.8%	1,832.8	1,902.2	-3.6%	890.7	989.5	-10.0%
Built-In	306.8	311.5	-1.5%	1,727.2	1,777.2	-2.8%	845.0	931.6	-9.3%
Portable	16.9	18.1	-6.6%	105.5	125.0	-15.6%	45.7	57.9	-21.1%
COMPACTORS	18.1	21.0	-13.8%	108.5	117.4	-7.6%	52.2	57.0	-8.4%
FOOD PRESERVATION - TOTAL	901.1	879.8	2.4%	4,092.6	3,946.2	3.7%	2,326.9	2,248.5	3.5%
REFRIGERATORS	785.1	753.4	4.2%	3,498.1	3,338.2	4.8%	2,006.9	1,902.7	5.5%
FREEZERS - TOTAL	116.0	126.4	-8.2%	594.6	608.0	-2.2%	320.0	345.9	-7.5%
Chest	64.6	68.1	-5.1%	338.2	326.6	3.6%	184.7	184.5	0.1%
Upright	51.4	58.3	-11.8%	256.4	281.4	-8.9%	135.3	161.4	-16.2%
HOME COMFORT - TOTAL	815.8	934.5	-12.7%	4,355.6	3,970.7	9.7%	2,431.6	2,552.0	-4.7%
ROOM AIR CONDITIONERS	718.2	834.9	-14.0%	3,938.5	3,442.0	14.4%	2,183.9	2,236.0	-2.3%
DEHUMIDIFIERS	97.7	99.6	-1.9%	417.0	528.7	-21.1%	247.7	316.1	-21.6%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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AHAM

TRENDS AND FORECASTS
INDUSTRY SHIPMENTS OF MAJOR APPLIANCES*, THOUSANDS OF UNITS

PRODUCT	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989**	1990**
Cooking - Total	7,354	7,456	8,005	7,303	10,051	13,717	15,635	17,518	17,915	16,237	15,669	15,213
ELECTRIC RANGES - TOTAL	3,000	2,530	2,328	2,036	2,754	3,074	3,142	3,318	3,346	3,202	3,131	3,068
Free Standing	2,244	1,975	1,829	1,619	2,190	2,496	2,568	2,721	2,691	2,566	2,503	2,453
Built-In	756	555	498	417	563	577	574	598	655	635	628	615
GAS RANGES - TOTAL	1,799	1,539	1,496	1,368	1,573	1,732	1,814	1,940	2,143	2,227	2,114	2,095
Free-Standing#	1.670	1,437	1,401	1,289	1,477	1,626	1,694	1,826	2,022	2,101	1,991	1,970
Built-In#	129	102	94	79	96	106	120	114	120	127	123	125
MICROWAVE OVEN/RANGES	2,807	3,608	4,422	4,071	5,933	9,132	10,883	12,444	12,610	10,988	10,602	10,221
Home Laundry - Total	8,516	7,727	7,342	6,746	7,910	8,733	9,192	10,009	10,635	10,791	10,668	10,435
WASHERS - TOTAL	4,965	4,550	4,365	4,019	4,616	5,049	5,279	5,765	5,998	6,190	6,150	6,025
Automatic	4,779	4,426	4,277	3,955	4,546	5,049	5,279	5,765	5,998	6,190	6,150	6,025
Wringer & Other	186	124	88	64	69	NA	NA	NA	NA	NA	NA	NA
DRYERS - TOTAL	3,551	3,177	2,977	2,727	3,294	3,684	3,914	4,245	4,637	4,601	4,518	4,410
Electric	2,783	2,494	2,337	2,143	2,622	2,931	3,080	3,309	3,600	3,554	3,485	3,401
Gas	768	682	640	584	672	754	834	936	1,037	1,047	1,033	1,009
Kitchen Clean Up - Total	7,098	5,935	5,854	5,098	6,822	7,758	7,858	8,381	8,696	8,383	8,389	8,215
DISPOSERS	3,317	2,962	3,179	2,780	3,544	4,085	4,105	4,269	4,438	4,233	4,320	4,250
DISHWASHERS - TOTAL	3,488	2,738	2,484	2,170	3,121	3,491	3,575	3,918	4,032	3,907	3,830	3,720
Built-In	2,984	2,354	2,193	1,956	2,859	3,245	3,327	3,663	3,763	3,647	3,577	3,472
Portable	504	384	291	214	262	246	248	255	269	260	253	248
COMPACTORS	293	235	191	148	157	182	177	194	226	243	240	245
Food Preservation - Total	7,642	6,875	6,549	5,704	6,818	7,275	7,316	7,733	8,232	8,576	8,431	8,481
REFRIGERATORS##	5,701	5,124	4,944	4,364	5,477	5,994	6,081	6,510	6,972	7,227	7,070	7,133
FREEZERS - TOTAL	1,941	1,751	1,605	1,340	1,341	1,281	1,236	1,222	1,260	1,349	1,361	1,348
Chest	1,039	963	889	726	702	650	634	661	692	727	745	733
Upright	902	789	717	614	639	631	602	561	567	622	616	615
Home Comfort - Total	4,434	3,876	4,229	3,201	2,439	3,694	3,610	3,371	4,503	5,310	5,090	4,840
ROOM AIR CONDITIONERS	3,749	3,203	3,693	2,761	2,002	3,103	3,022	2,816	3,798	4,637	4,445	4,198
DEHUMIDIFIERS	685	673	536	440	437	591	588	555	704	673	645	642
All Major Appliances	35,043	31,869	31,978	28,051	34,039	41,176	43,611	47,012	49,981	49,297	48,247	47,163

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Forecasts as of May, 1989
# Drop-in gas range data included in free-standing total for 1978 through 1984; thereafter drop-in gas range data included in built-in total.
Includes units of 6.5 cu. ft. and over.

Total industry shipments may not add due to rounding and overlapping categories

7/7/89

Home Appliance *NewsLine*

An AHAM Bulletin to Editors

FOR IMMEDIATE RELEASE
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HOME APPLIANCE SHIPMENTS MODERATE AS SECOND-HALF OF 1989 BEGINS

CHICAGO -- July shipments of major home appliances surpassed 3.6 million units, but failed to reach the July 1988 level, reports the Association of Home Appliance Manufacturers (AHAM).

Shipments in nearly all appliance categories were down in July, resulting in an 8.1% decline for the month.

Only two products surpassed their year-ago levels. Shipments of microwave ovens (760,900 units) increased by 2.0%, and strong demand for dehumidifiers (85,500 units) caused a 127.4% surge in shipments over the relatively low level of one year earlier.

While July shipments were down, year-to-date shipments of nearly 29.6 million units were up 3.0%. By year-end, however, they too will be down, according to the latest industry forecast.

1989 shipments are expected to decline by 2.1% from the 1988 level to a year-end total of nearly 48.3 million units.

The shipment decline comes as no surprise to an industry with consecutive record years from 1984 through 1987 and a better-than-anticipated 1988. Record levels were not expected to continue indefinitely.

Although shipments of practically all products are forecast to decline this year, a year-end total of 48.3 million units is likely to rank 1989 as one of the industry's top five years.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
July, 1989

	JULY			CALENDAR YEAR TO DATE		
	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	3,653.9	3,974.0	-8.1%	29,591.0	28,736.0	3.0%
COOKING - TOTAL	1,115.2	1,133.8	-1.6%	9,010.9	8,597.5	4.8%
ELECTRIC RANGES - TOTAL	217.5	245.4	-11.4%	1,715.8	1,794.7	-4.4%
Free Standing	171.8	200.0	-14.1%	1,352.6	1,433.6	-5.7%
Built-in	45.6	45.4	0.4%	363.2	361.0	0.6%
GAS RANGES - TOTAL	148.8	156.6	-5.0%	1,185.6	1,227.1	-3.4%
Free Standing	141.5	147.3	-3.9%	1,121.5	1,153.2	-2.7%
Built-in	7.3	9.3	-21.5%	64.4	73.9	-12.9%
MICROWAVE OVENS/RANGES***	760.9	746.2	2.0%	6,204.3	5,679.2	9.2%
HOME LAUNDRY - TOTAL	742.6	787.9	-5.7%	6,207.7	6,094.7	1.9%
AUTOMATIC WASHERS	437.2	459.7	-4.9%	3,603.3	3,536.3	1.9%
DRYERS - TOTAL	305.4	328.3	-7.0%	2,604.4	2,558.4	1.8%
Electric	236.2	254.4	-7.2%	2,011.4	1,986.5	1.3%
Gas	69.2	73.8	-6.2%	593.1	571.9	3.7%
KITCHEN CLEAN UP - TOTAL	556.2	675.1	-17.6%	4,684.4	4,738.5	-1.1%
DISPOSERS	285.4	345.2	-17.3%	2,472.3	2,389.0	3.5%
DISHWASHERS - TOTAL	256.7	312.2	-17.8%	2,089.4	2,214.4	-5.6%
Built-in	243.7	296.4	-17.8%	1,971.0	2,073.6	-4.9%
Portable	12.9	15.8	-18.4%	118.5	140.8	-15.8%
COMPACTORS	14.2	17.7	-19.8%	122.6	135.1	-9.3%
FOOD PRESERVATION - TOTAL	789.8	934.0	-15.4%	4,882.4	4,881.4	0.0%
REFRIGERATORS	660.4	778.4	-15.2%	4,158.4	4,116.6	1.0%
FREEZERS - TOTAL	129.4	155.6	-16.8%	724.0	764.8	-5.3%
Chest	75.1	85.3	-12.0%	413.3	412.7	0.1%
Upright	54.3	70.3	-22.8%	310.7	352.0	-11.7%
HOME COMFORT - TOTAL	450.0	443.2	1.5%	4,805.6	4,423.9	8.6%
ROOM AIR CONDITIONERS	364.6	405.7	-10.1%	4,303.1	3,857.6	11.5%
DEHUMIDIFIERS	85.5	37.6	127.4%	502.5	566.2	-11.3%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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Home Appliance NewsLine

An AHAM Bulletin to Editors

FOR IMMEDIATE RELEASE
September 20, 1989

Contact: Mary Gillespie
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AUGUST SHIPMENTS DOWN FOR MAJOR APPLIANCES EXCEPT MICROWAVE OVENS

CHICAGO -- August shipments of major home appliances exceeded 4 million units, but failed to reach the level of the same period one year ago, reports the Association of Home Appliance Manufacturers (AHAM).

Although shipments were down 4.1%, this was still the third best August in history for the industry.

While most of the products fell below their August 1988 levels, microwave oven shipments increased 24.3% to 956,500 units. This product has been the appliance phenomenon of the '80s, frequently surpassing the shipment levels of every other major appliance.

With over 75% of U.S. households now owning at least one of these appliances, lessened demand is anticipated for microwave ovens over the coming years. However, as was the case in August, increases in monthly shipments may occur from time to time.

Annual microwave oven shipments peaked in 1987 at 12.6 million units, dropped to nearly 11 million units in 1988, and are expected to approximate 10.6 million units this year.

Although appliance shipments declined in August, shipments for the first 8 months of the year increased 2.1% to more than 33.6 million units. By year-end, however, they too will be down.

According to the latest forecast, the industry expects shipments this year to surpass 48.2 million units, 2.1% fewer than the 1988 total.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS
August, 1989

	AUGUST			CALENDAR YEAR TO DATE		
	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	4,023.3	4,196.3	-4.1%	33,614.3	32,932.2	2.1%
COOKING - TOTAL	1,409.1	1,239.1	13.7%	10,420.0	9,836.6	5.9%
ELECTRIC RANGES - TOTAL	275.6	287.1	-4.0%	1,991.4	2,081.7	-4.3%
Free Standing	219.1	234.1	-6.4%	1,571.7	1,667.7	-5.8%
Built-In	56.5	53.0	6.6%	419.7	414.0	1.4%
GAS RANGES - TOTAL	191.2	198.7	-3.8%	1,377.1	1,425.7	-3.4%
Free Standing	182.1	187.5	-2.9%	1,303.6	1,340.6	-2.8%
Built-In	9.1	11.2	-18.8%	73.5	85.1	-13.6%
MICROWAVE OVENS/RANGES***	956.5	769.5	24.3%	7,160.8	6,448.7	11.0%
HOME LAUNDRY - TOTAL	901.9	1,017.9	-11.4%	7,109.5	7,112.6	0.0%
AUTOMATIC WASHERS	524.5	588.7	-10.9%	4,127.8	4,125.0	0.1%
DRYERS - TOTAL	377.3	429.2	-12.1%	2,981.7	2,987.6	-0.2%
Electric	291.6	329.8	-11.6%	2,303.0	2,316.3	-0.6%
Gas	85.7	99.4	-13.8%	678.8	671.4	1.1%
KITCHEN CLEAN UP - TOTAL	599.0	736.9	-5.1%	5,383.4	5,475.3	-1.7%
DISPOSERS	362.8	363.6	-0.2%	2,835.1	2,752.6	3.0%
DISHWASHERS - TOTAL	318.6	349.3	-8.8%	2,408.0	2,563.7	-6.1%
Built-In	303.8	329.2	-7.7%	2,274.8	2,402.7	-5.3%
Portable	14.8	20.1	-26.4%	133.2	161.0	-17.3%
COMPACTORS	17.6	24.0	-26.7%	140.3	159.1	-11.8%
FOOD PRESERVATION - TOTAL	830.9	932.6	-10.9%	5,713.3	5,814.0	-1.7%
REFRIGERATORS	687.2	781.1	-12.0%	4,845.6	4,897.7	-1.1%
FREEZERS - TOTAL	143.7	151.6	-5.2%	867.7	916.4	-5.3%
Chest	81.9	79.8	2.6%	495.2	492.5	0.5%
Upright	61.8	71.8	-13.9%	372.5	423.9	-12.1%
HOME COMFORT - TOTAL	182.4	269.7	-32.4%	4,988.0	4,693.6	6.3%
ROOM AIR CONDITIONERS	147.9	198.1	-25.3%	4,451.0	4,055.8	9.7%
DEHUMIDIFIERS	34.6	71.6	-51.7%	537.1	637.9	-15.8%

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Numbers do not add because of overlapping product categories.
*** Includes microwave ovens and combination microwave ovens/ranges.

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Home Appliance *NewsLine*

An AHAM Bulletin to Editors

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FIRST NINE MONTHS OF HOME APPLIANCE SHIPMENTS ARE SECOND-BEST EVER

CHICAGO -- Major appliance shipments were near record levels for the first nine months despite early predictions of a down year, but industry experts believe shipments will decline in the coming months, reports the Association of Home Appliance Manufacturers (AHAM).

Over 37.6 million units were shipped from January through September, 1.5% more units than were shipped during last year's same period.

September alone contributed over 4.1 million units to the year-to-date total, resulting in the third best shipment level ever for the month. Although the monthly gain was minimal (up 0.1%), it halted a three-month pattern of shipment losses.

For the remainder of 1989, monthly shipments are likely to flatten or decline because of lessening demand for the industry's core products -- refrigerators, ranges, dishwashers, washers and dryers. September and third-quarter shipments (down 4.4%) already reflect this trend.

Because of strong shipment momentum in the first-half, total 1989 shipments are likely to surpass 49 million units for the third consecutive year, according to the industry's latest forecast. If they do, 1989 will rank as the industry's third-best year.

1989 shipments of nearly 49.3 million units resulted in a second-best year, and 1987 achieved a record 49.9 million units.

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MAJOR HOME APPLIANCE INDUSTRY SHIPMENTS*, THOUSANDS OF UNITS

September, 1989

	SEPTEMBER			CALENDAR YEAR TO DATE			CALENDAR QUARTER		
	1989	1988	% Change	1989	1988	% Change	1989	1988	% Change
ALL MAJOR APPLIANCES**	4,151.7	4,149.5	0.1%	37,656.3	37,081.7	1.5%	11,799.2	12,336.4	-4.4%
COOKING - TOTAL	1,500.7	1,472.3	1.9%	11,885.7	11,308.9	5.1%	4,014.7	3,845.1	4.4%
ELECTRIC RANGES - TOTAL	258.0	269.5	-4.3%	2,240.1	2,351.2	-4.7%	746.6	801.9	-6.9%
Free Standing	203.9	216.6	-6.7%	1,767.2	1,886.3	-6.3%	590.5	652.6	-9.5%
Built-in	54.0	50.9	6.1%	472.9	464.9	1.7%	156.0	149.3	4.5%
GAS RANGES - TOTAL	180.7	186.9	-3.3%	1,554.1	1,612.6	-3.6%	519.8	542.1	-4.1%
Free Standing	172.6	177.2	-2.6%	1,472.6	1,517.8	-3.0%	495.4	511.9	-3.2%
Built-in	8.2	9.7	-15.5%	81.5	94.8	-14.0%	24.4	30.1	-18.9%
MICROWAVE OVENS/RANGES***	1,074.9	1,031.0	4.3%	8,213.6	7,479.7	9.8%	2,787.5	2,546.7	9.5%
HOME LAUNDRY - TOTAL	955.1	1,021.0	-5.5%	8,043.5	8,133.6	-1.1%	2,595.2	2,832.4	-8.4%
AUTOMATIC WASHERS	544.6	584.4	-6.8%	4,660.6	4,709.4	-1.0%	1,503.8	1,638.5	-8.2%
DRYERS - TOTAL	410.5	436.6	-6.0%	3,382.9	3,424.3	-1.2%	1,091.5	1,193.9	-8.6%
Electric	315.9	333.1	-5.2%	2,610.9	2,649.4	-1.5%	842.2	917.3	-8.2%
Gas	94.6	103.5	-8.6%	772.1	774.9	-0.4%	249.3	276.6	-9.9%
KITCHEN CLEAN UP - TOTAL	755.7	723.5	4.5%	6,129.4	6,198.8	-1.1%	2,008.7	2,135.4	-5.9%
DISPOSERS	434.3	369.2	17.6%	3,269.3	3,121.8	4.7%	1,082.4	1,078.0	0.4%
DISHWASHERS - TOTAL	303.4	334.7	-9.4%	2,701.7	2,898.4	-6.8%	876.5	996.2	-12.0%
Built-in	288.0	314.1	-8.3%	2,553.8	2,716.8	-6.0%	833.6	939.6	-11.3%
Portable	15.4	20.6	-25.2%	147.9	181.6	-18.6%	42.9	56.6	-24.2%
COMPACTORS	18.0	19.5	-7.7%	158.3	178.6	-11.4%	49.8	61.2	-18.6%
FOOD PRESERVATION - TOTAL	749.7	813.6	-7.9%	6,422.2	6,627.7	-3.1%	2,357.9	2,681.5	-12.1%
REFRIGERATORS	626.7	686.0	-8.6%	5,445.5	5,583.6	-2.5%	1,955.3	2,245.4	-12.4%
FREEZERS - TOTAL	123.0	127.7	-3.7%	976.7	1,044.0	-6.4%	391.6	436.1	-10.2%
Chest	69.1	67.8	1.9%	555.5	560.3	-0.9%	223.2	233.7	-4.5%
Upright	53.9	59.8	-9.9%	421.2	483.7	-12.9%	168.4	202.3	-16.8%
HOME COMFORT - TOTAL	190.5	119.1	59.9%	5,175.5	4,812.7	7.5%	822.6	842.0	-2.3%
ROOM AIR CONDITIONERS	170.4	111.4	53.0%	4,618.3	4,167.1	10.8%	682.4	725.1	-5.9%
DEHUMIDIFIERS	20.1	7.7	161.0%	557.2	645.6	-13.7%	140.2	116.9	19.9%

* Domestic plus export shipments; includes both U.S. produced and imported products

** Numbers do not add because of overlapping product categories

*** Includes microwave ovens and combination microwave ovens/ranges

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AHAM

TRENDS AND FORECASTS
INDUSTRY SHIPMENTS OF MAJOR APPLIANCES*, THOUSANDS OF UNITS

PRODUCT	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989**	1990**
Cooking - Total	7,354	7,456	8,005	7,303	10,051	13,717	15,635	17,518	17,915	16,237	16,297	15,919
ELECTRIC RANGES - TOTAL	3,000	2,530	2,328	2,036	2,754	3,074	3,142	3,318	3,346	3,202	3,094	3,086
Free Standing	2,244	1,975	1,829	1,619	2,190	2,496	2,568	2,721	2,691	2,566	2,463	2,461
Built-In	756	555	498	417	563	577	574	598	655	635	632	625
GAS RANGES - TOTAL	1,799	1,539	1,496	1,368	1,573	1,732	1,814	1,940	2,143	2,227	2,143	2,108
Free-Standing#	1,670	1,437	1,401	1,289	1,477	1,626	1,694	1,826	2,022	2,101	2,024	1,990
Built-In#	129	102	94	79	96	106	120	114	120	127	119	118
MICROWAVE OVEN/RANGES	2,807	3,608	4,422	4,071	5,933	9,132	10,883	12,444	12,610	10,988	11,236	10,896
Home Laundry - Total	8,516	7,727	7,342	6,746	7,910	8,733	9,192	10,009	10,635	10,791	10,850	10,681
WASHERS - TOTAL	4,965	4,550	4,365	4,019	4,616	5,049	5,279	5,765	5,998	6,190	6,248	6,120
Automatic	4,779	4,426	4,277	3,955	4,546	5,049	5,279	5,765	5,998	6,190	6,248	6,120
Wringer & Other	186	124	88	64	69							
DRYERS - TOTAL	3,551	3,177	2,977	2,727	3,294	3,684	3,914	4,245	4,637	4,601	4,602	4,561
Electric	2,783	2,494	2,337	2,143	2,622	2,931	3,080	3,309	3,600	3,554	3,550	3,516
Gas	768	682	640	584	672	754	834	936	1,037	1,047	1,052	1,045
Kitchen Clean Up - Total	7,098	5,935	5,854	5,098	6,822	7,758	7,858	8,381	8,696	8,383	8,303	8,159
DISPOSERS	3,317	2,962	3,179	2,780	3,544	4,085	4,105	4,269	4,438	4,233	4,308	4,207
DISHWASHERS - TOTAL	3,488	2,738	2,484	2,170	3,121	3,491	3,575	3,918	4,032	3,907	3,760	3,716
Built-In	2,984	2,354	2,193	1,956	2,859	3,245	3,327	3,663	3,763	3,647	3,522	3,478
Portable	504	384	291	214	262	246	248	255	269	260	238	238
COMPACTORS	293	235	191	148	157	182	177	194	226	243	235	236
Food Preservation - Total	7,642	6,875	6,549	5,704	6,818	7,275	7,316	7,733	8,232	8,576	8,536	8,443
REFRIGERATORS##	5,701	5,124	4,944	4,364	5,477	5,994	6,081	6,510	6,972	7,227	7,221	7,145
FREEZERS - TOTAL	1,941	1,751	1,605	1,340	1,341	1,281	1,236	1,222	1,260	1,349	1,315	1,298
Chest	1,039	963	889	726	702	650	634	661	692	727	726	727
Upright	902	789	717	614	639	631	602	561	567	622	589	571
Home Comfort - Total	4,434	3,876	4,229	3,201	2,439	3,694	3,610	3,371	4,503	5,310	5,256	4,970
ROOM AIR CONDITIONERS	3,749	3,203	3,693	2,761	2,002	3,103	3,022	2,816	3,798	4,637	4,656	4,360
DEHUMIDIFIERS	685	673	536	440	437	591	588	555	704	673	600	610
All Major Appliances	35,043	31,869	31,978	28,051	34,039	41,176	43,611	47,012	49,981	49,297	49,240	48,171

* Domestic plus export shipments: includes both U.S. produced and imported products.
** Forecasts as of August, 1989
\# Drop-in gas range data included in free-standing total for 1978 through 1984; thereafter drop-in gas range data included in built-in total.
Includes units of 6.5 cu. ft. and over.

Total industry shipments may not add due to rounding and overlapping categories

10/12/89